



Corporate Hazard Identification & Risk Control

HIRA #
15.35

Improper Chemical Use

Applicable Zones:	Project	<input checked="" type="checkbox"/>	Yard	<input checked="" type="checkbox"/>	Office	<input checked="" type="checkbox"/>	Asphalt Plant	<input checked="" type="checkbox"/>
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HAZARD(S)

- Contamination (H)
- Health Hazards due to Chemical Exposure (H)
- Injury due to lack of knowledge (H)
- Environmental concern resulting from improper control (H)

PRE-CONTROL RISK

Likelihood	Consequence	Pre-Control Risk
4	5	20

CONTROLS

Elimination	
Substitution	Look for less harmful chemical options that could be a replacement for what we use.
Engineering	Ensure all Chemical storage facilities to ensure proper storage is completed and adheres to WHMIS 2015 standards.
Administrative	Ensure all chemicals are labelled according to WHMIS 2015 Standards.
PPE	High Visibility Clothing, Hard Hat & Safety Boots at a minimum must be worn at all times. Specialized PPE may be required.

POST CONTROL RISK

Likelihood	Consequence	Post-Control Risk	Risk Reduction	Critical or Not Critical
1	5	5	15	No

LEGISLATIVE REFERENCES

Hazardous Products Act
R.S.C. 1985, cH-3
Occupational Health and Safety Act, R.S.O. 1990, c. O.1

OTHER STANDARDS & REFERENCES

J-AAR Manual: P1.3.14
J-AAR Manual: P1.4.1
J-AAR Manual: P1.4.2
J-AAR Manual: P1.4.8
J-AAR Manual: P1.4.16
J-AAR Manual: P1.5.4.1

J-AAR Manual: P1.5.4.2
J-AAR Manual: P2.11.1
J-AAR Manual: P2.12.11.1
J-AAR Manual: P2.13.8
J-AAR Manual: P2.13.9